ABSTRACT OF THE DISCLOSURE

An electronic golf swing analyzing system that uses an array of infrared (IR) and ultrasonic (U/S) sensors, activated by an embedded micro-controller, to capture swing data to accurately calculate the club head's velocity, face angle, and swing path at impact. The system also includes a golf swing analyzing software application that receives the data from the analyzer to determine the distance and direction that the ball will travel relative to the target line. During use, the IR sensor base is placed horizontally and the U/S sensor base is positioned vertically. The player selects one of three available practice modes, which determines how the trajectory data for each swing is visually displayed. The player selects a golf club, enters golf ball information, and environmental conditions information. Trajectory results for each swing are graphically displayed relative to the players stated ability level on the computer monitor.

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